

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2005/000463

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: E04B 1/32, 1/342, E04C 3/38, 3/10, 3/28, E04H 6/44, 15/36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

REFER TO ELECTRONIC DATABASE BELOW

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI: & keywords: E04B/ic, E04C/ic, E04H/ic, truss, tendon, tension, arc, hinge, and similar terms.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2167783 A (ELSPAN INTERNATIONAL LTD (HONG KONG)) 4 June 1986 See figures 1a-10, and column 2 line 96 – column 3 line 20.	1-15, 17-20, 22-31
X	WO 1996/001930 A1 (WEATHER-HAVEN RESOURCES LTD et al.) 25 January 1996 See figures 1-5 and page 5 lines 4-16 and page 10 lines 1-22.	1-13, 17-33
X	US 3940892 A (LINDBERGH) 2 March 1976 See figures 1-3b, column 3 line 53 – column 4 line 48, column 5 lines 6-34.	1-13, 17-20, 22-31
X	GB 1355984 A (PORTAS) 12 June 1974 See page 2 line 16-page 3 line 5 and figures 1-21.	1-13, 17-20, 22-31

☒ Further documents are listed in the continuation of Box C

☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
17 May 2005

Date of mailing of the international search report
24 MAY 2005

Name and mailing address of the ISA/AU
AUSTRALIAN PATENT OFFICE
PO BOX 200, WODEN ACT 2606, AUSTRALIA
E-mail address: pct@ipaustalia.gov.au
Facsimile No. (02) 6285 3929

Authorized officer

JOHN HO
Telephone No : (02) 6283 2329

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2005/000463

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2985264 A (LEONARD, JR) 23 May 1961 See figures 1-6.	1-12, 17, 22-23, 27-28
X	WO 1992/018730 A1 (DOWTY HOYBOND LIMITED et al.) 29 October 1992 See figures 1-5.	1-11, 13, 17-20, 22-31
X	US 4894962 A (CONN) 23 January 1990 See figures 1-7, column 3 line 38-column 4 line 44 and column 5 lines 12-22.	1-8, 13-15, 17-33
X	WO 1995/020079 A1 (NOBELIUS) 27 July 1995 See figures 1-5.	1-7, 13-17, 21-33
X	DD 289081 A5 (VEB BAUINVEST DRESDEN) 18 April 1991 See figures 1-6.	1-7, 13, 17-23, 27-33.
X	US 3857213 A (MIYAKE) 31 December 1974 See figures 1-17, 25-28.	1-9, 13-14, 21-33
X	WO 2003/078739 A1 (CHRISTIE) 25 September 2003 See figures 1a-6b.	1-7, 17-23, 27-28, 32-33
X	GB 1484236 A (ELSPAN INTERNATIONAL LIMITED) 1 September 1977 See figures 1-5 and page 2 lines 16-104.	1-7, 13-15, 17, 22-31

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/AU2005/000463

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
GB	2167783	AU	48450/85	CA	1250729
		JP	61134447	US	4676045
WO	9601930	AU	28781/95		
US	3940892	NIL			
GB	1355984	NIL			
US	2985264	NIL			
WO	9218730	AU	15381/92	CA	2079935
		GB	2254630	EP	0542940
US	4894962	CA	2005160		
WO	9520079	AU	15949/95	CA	2181991
		NO	962799	PL	315549
DD	289081	NIL			
US	3857213	DE	2053412	US	3708944
WO	2003078739	NIL			
GB	1484236	AU	10786/76	PH	13494
				US	4052834
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.					
END OF ANNEX					